

John R. Evans Leaders Fund / Fonds des leaders John-R.-Evans
Backgrounder / Fiche d'information

Ontario

The Canada Foundation for Innovation (CFI) Board of Directors approved a contribution of \$11,538,232 to support 63 infrastructure projects in the province. / Le conseil d'administration de la Fondation canadienne pour l'innovation (FCI) a approuvé des contributions totalisant 11 538 232 \$ en vue d'appuyer 63 projets d'infrastructure dans la province.

Project Title / Titre du projet	Maximum CFI Contribution / Contribution maximale de la FCI
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Carleton University

Participatory Media Lab	\$40,714
1 project / projet	\$40,714

Laurentian University / Université Laurentienne

Ultra-High Performance Mass Spectrometry Facility for Studies in Analytical Toxicology and Molecular Genetics	\$169,201
1 project / projet	\$169,201

McMaster University

Intelligent Home Sensor Networks for the Elderly	\$149,036
Advanced Characterization of Biomaterials	\$61,889
Infrastructure for Developing Novel Cell Therapies and Manufacturing Methods	\$300,000
Infrastructure for an Integrative Genomics and Phenomics Lab to Identify Mechanisms Generating Phenotypic Variation	\$148,606
C. Elegans As a Model to Study Environment-Genotype Interactions	\$144,487
A New Bioinformatics Laboratory to Integrate Functional Genomics, Biocuration, and Analytics in Biomedical Research	\$34,245
Understanding Climate Shifts, Foodways, and Societal Resilience Through Ancient Plant Residues	\$80,000
Exploring the Neurocognitive Bases of Social Behaviour	\$226,111
The Origins of Life Laboratory	\$400,000
Hybrid PVD Coating System	\$398,380
Platform for Antibiotic Discovery	\$300,000
Developing Biomaterials to Manipulate and Study Cell-Matrix Interactions	\$197,972
12 projects / projets	\$2,440,726

Queen's University

Reservoir Monitoring Using Time-Lapse Superconducting Gravimetry	\$150,000
Biomaterial Host Response Analysis and Engineering Laboratory	\$125,000
2 projects / projets	\$275,000

University of Guelph

In Vitro Technologies for Plant Propagation and Conservation	\$100,046
Scanning Electron Microscope for Life Science Imaging	\$149,424
Infrastructure to Establish a Human Cardiovascular Physiology Laboratory	\$111,001
New Tools for Applied Wheat Genetics and Breeding	\$102,714
Discovery and Investigation into Novel, Emerging and Re-Emerging Viral Pathogens in Birds	\$125,000
5 projects / projets	\$588,185

University of Ottawa / Université d'Ottawa

Profiling the Metabolic and Immune Exosomal Secretome	\$206,000
CryoLab for Arctic, Antarctic and Planetary Studies	\$176,000
Targeting the Translatome in Disease	\$261,000
Extracellular Vesicles in Vascular and Renal Health and Disease	\$192,001
Design and Synthesis of Novel Organic Conductors	\$276,151
Development of Improved Ion Channel Drugs and Engineering Ion Channels as Biosensors	\$164,553
6 projects / projets	\$1,275,705

University of Toronto

Quantitative MR Imaging Laboratory for Cell and Tissue Engineering	\$150,000
Interdisciplinary Research Laboratory and Remote Collaborations Unit in Global Health and Human Rights	\$166,510
Four-Dimensional Structure Elucidation of Cancer-Associated Proteins in Action	\$407,608
Infrastructure for the Purification and Chemical Biological Investigation of Antibacterial and Antifungal Compounds	\$236,511
Bats as Models for the Study of Multisensory Integration	\$144,602
Integrated Platform for High-Throughput Protein/Protein and Drug/Target Interaction Analysis	\$300,000
Elucidating the Structure and Function of Zebrafish Sensorimotor Circuits Using Optogenetic and Behavioural Approaches	\$337,560

... / University of Toronto

A Laboratory for Autonomous Driving	\$300,000
Developing a Supercritical Fluid Extraction Process for Rare Earth Materials	\$22,012
Data-Intensive Approaches to Digital Curation and Preservation	\$59,840
Self-Knowledge and Interpersonal Perception	\$22,100
Flow Visualization Platform for Physical Modeling of Fluid Flows in Steelmaking and Casting	\$80,000
Dynamic Memory Systems in the Human Brain	\$100,000
Structure and Dynamics of GPCR Membrane Proteins	\$665,447
Advanced Core Logging Laboratory	\$91,659
Biophysical and Structural Platform to Advance the Study of B Cell Glycoproteins in Vaccine and Disease	\$508,306
Laboratory of Ecology and Macroevolution	\$359,998
Molecular Analysis of Cell Migration Control by Physical Microenvironment and its Role in a Disease State	\$314,084
A Human/Mouse Translational Drug Development Program for Major Depression	\$328,000
A Novel Role for Histone Variant H2A.Z in Learning and Memory	\$78,407
20 projects / projets	\$4,672,644

University of Waterloo

Pharmaceutical Therapies for Alzheimer's Disease	\$26,800
Non-Invasive Stimulation of the Human Visual Cortex	\$100,000
Integrative Responses of Fish to Environmental Stressors	\$120,000
Infrastructure for 5G Wireless Cellular Networks and Internet of Things	\$75,000
4 projects / projets	\$321,800

University of Western Ontario (The)

Superconducting Magnet Platform for Magnetic Resonance Imaging Systems Development	\$200,000
A Laboratory for the Discovery of Energy-Purpose Functional Metallopolymers	\$200,000
Structure and Oligomerizing Function of Calcium Signaling Proteins in Health and Disease	\$200,000
Computer-Intensive High-Dimensional Models for Option Pricing and Risk-Management	\$200,000
Molecular Imaging of Lipids in Rodent Models Brain Co-Morbidities	\$200,000
5 projects / projets	\$1,000,000

University of Windsor

Quantitative Tissue Imaging for Physiological and Genetic Analysis	\$100,000
1 project / projet	\$100,000

Wilfrid Laurier University

Advanced Characterization for Production and Applications of Functional Materials Based on Nanoscale Building Blocks	\$87,500
1 project / projet	\$87,500

York University

Centre for Integrative Laboratory and Field Physiology	\$125,000
Centre for Cardiovascular Assessment	\$199,529
Women's Cardiovascular Health: Sexually Dimorphic Cardiovascular and Autonomic Responses to Stressors	\$100,000
Distributed Digital Performance Laboratory	\$68,250
Laboratory for Generative Responsive Realities	\$73,978
5 projects / projets	\$566,757